

EX-ZR10 Specifications

| High Speed EXILIM | | |
|---|---|---|
| EX-ZR10 | | |
| Number of Effective Pixels | | 12.4 megapixels(/million) |
| Image Sensor | 1/2.3-inch high-speed CMOS(back illuminated type) | |
| | Total Pixels | 12.75 megapixels(/million) |
| File Format | Still Images | JPEG (Exif Ver2.3), DCF2.0, DPOF |
| | Movies | MOV format, H.264/AVC, IMA-ADPCM (stereo) |
| Built-in Memory | | It has not yet been fixed |
| Recording Media | | SD Memory Card, SDHC Memory Card, SDXC Memory Card compatible |
| Number of Recorded Pixels | Still Images | 12M(4000x3000)、3:2(4000x2656)、16:9(4000x2240)、10M(3648x2736)、8M(3264x2448)、5M(2560x1920)、3M(2048x1536)、VGA(640x480) |
| | Movies | FHD : 1920 x1080(30fps) / STD : 640x480(30fps) HS : 224 x160(480fps) / 432x320(240fps) / 432x320(30-240fps) |
| Recording Capacity | Still Images | It has not yet been fixed |
| | Movies | |
| High-speed Continuous Shutter | | 40fps、30fps、15fps、10fps、5fps、3fps (10M) |
| Lens | Construction | 7lenses in 8 groups, including aspherical lens |
| | F-number | F3.0(W) ~ F5.9(T) |
| | Focal Length | F=5 ~ 35mm |
| | 35mm-Film Equivalent | Approx. 28 ~ 196mm |
| Zoom Ratio | | 7X optical zoom, 10.5X Single SR Zoom, 14.0X Multi SR Zoom (10M), 4X digital zoom, 111.6X maximum digital zoom (in combination with HD Zoom, VGA size) |
| Focus | Focus Type | Contrast Detection Auto Focus |
| | Focus Mode | Auto Focus, Macro, Infinity Mode, Manual Focus |
| | AF Area | Intelligent, Spot, Tracking |
| | AF Assist Lamp | Yes |
| Focus Range ^{*1} (From Lens Surface) | Auto Focus | Approx. 2 cm ~Infinity (W) |
| | Macro | Approx. 2cm ~ 50 cm (First step from Widest Setting) |
| | Infinity Mode | Infinity |
| | Manual Focus | Approx. 2 cm ~ Infinity (W) |
| Exposure Control | Exposure Metering | Multi pattern, Center Weighted, Spot by CMOS |
| | Exposure Control | Program AE |
| | Exposure Compensation | -2EV to +2EV (in 1/3EV steps) |
| Shutter | CMOS electronic shutter and mechanical shutter | |
| | Shutter Speed ^{*2} | 1 ~ 1/2000 second |
| | Night Scene | 4 ~ 1/2000 second |
| Aperture ^{*1} | | F3.0 (W) ~ F8.8 (W) ^{*3} |
| White Balance | | Auto WB, Daylight, Overcast, Shade, Day White Fluorescent, Daylight Fluorescent, Tungsten, Manual WB |
| ISO Sensitivity (SOS/ REI ^{*4}) | Still Images | Auto/100/200/400/800/1600/3200 |
| | Movies | Auto |
| Other Functions | | CMOS-shift image stabilization, HDR, HDR ART, BEST SHOT, Premium Auto, Still In Movie, Dynamic Photo(Play mode only) |
| Self-Timer | | 10 seconds, 2 seconds, Triple Self-timer |
| Built-in Flash | Flash Mode | Auto, Flash off, Flash on, Red eye reduction |
| | Flash Range | It has not yet been fixed |
| Monitor | | 3.0-inch TFT color LCD (Super Clear LCD), 460,800 dots (960 x 480) |
| Timekeeping Function | Date and Time | Recorded with image data |
| | On-image Time Stamp Function | Yes |
| | Auto Calendar | To 2049 |
| | World Time | 162 cities in 32 time zones, City name, date, time, summer time |
| External connection terminal | | USB port (Hi-Speed USB compatible) / AV output terminal(NTSC/PAL), HDMI TM *5 output(Mini) ^{*6} |
| Microphone | | Stereo |
| Speaker | | Monaural |
| Power Requirement | | Rechargeable lithium ion battery (NP-110) |
| Battery Life | | It has not yet been fixed |
| Dimensions | W x H x D (CIPA Standards) | 101.9 x 58.7 x 27.4 mm |
| Weight (CIPA Standards) | | Approx. 176 g (Including Battery and Memory Card ^{*7}) / Approx. 149 g (excluding Battery and Memory card) |
| Bundled Accessories | | Rechargeable Lithium Ion Battery (NP-110), Lithium Ion Battery Charger (BC-110L), AC Power Cord, USB Cable, AV Cable, Strap, CD-ROM |

¹ Range is affected by optical zoom.

² May differ according to camera settings.

³ ND filter is being used.

⁴ SOS: Standard Output Sensitivity; REI: Recommended Exposure Index.

⁵ HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

⁶ 1080/50i output is not supported for PAL output using an HDMITM.

⁷ When using Panasonic Pro High Speed 1GB SD Memory Card.